

Special Issue

Advanced Technologies and Processes for Wastewater Treatment

Message from the Guest Editors

This Special Issue addresses the rapid advancement in and integration of innovative technologies and process configurations for modern wastewater treatment. As global water scarcity intensifies and regulatory demands for effluent quality become increasingly stringent, particularly under the EU Urban Wastewater Treatment Directive (2024/3019), wastewater treatment plants must evolve beyond conventional approaches. This Special Issue welcomes the submission of original research, reviews, and critical analyses exploring cutting-edge technologies that enhance treatment efficiency, address emerging pollutants, enable resource recovery, and promote circular economy principles in water management.

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Deadline for manuscript submissions

30 August 2026



Processes

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CiteScore 5.7



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